



WETLANDS ALTERATION DATA

EXISTING POND AREA	11,874 sq. ft.
VOLUME OF FILL	13,000 cu. yd.
VOLUME OF DREDGING	5,200 cu. yd.
PROPOSED POND AREA	9,714 sq. ft.

HYDRAULIC RUNOFF DATA

ITEM	EXISTING	PROPOSED
PEAK RUNOFF TO 12' CAMP @ MAIN STREET	7,050 cfs	10,700 cfs
PEAK RUNOFF THROUGH EQUIPMENT TO HIGHWAY	100-160 cfs	140 cfs
VOLUME OF RUNOFF TO HIGHWAY	55 ac-ft	47 ac-ft
PEAK RUNOFF TO POND AT HAULROAD	30.0 cfs	110 cfs
VOLUME OF RUNOFF TO POND	180 ac-ft	180 ac-ft
ELEVATION RISE IN POND	1.0'	2.0'

TEST PIT DATA

TEST PIT NO.	DEPTH	SOIL TYPE	PERMEABILITY
1	1.0'	CLAY	LOW
2	1.0'	SAND	HIGH
3	1.0'	SILT	MEDIUM

PERMEATION RATES LESS THAN 1 MIN. PER 2 INCH

- LEGEND:**
- INDEX CONTOUR
 - INTERMEDIATE CONTOUR
 - PROPOSED CONTOUR
 - EXISTING SPOT ELEVATION
 - PROPOSED SPOT ELEVATION
 - TELEPHONE DRAINAGE DIVIDE
 - EXISTING DRAINAGE DIVIDE

SITE PLAN AND WETLANDS PLAN OF LAND IN ACTON, MASS.

FOR SCALE: 1"=40'
 DECK HOUSE INC
 AUGUST 27, 1974
 REVISION: OCTOBER 1, 1974
 REVISION: DECEMBER 7, 1974

